CDM-9000

TRI-MODE, WEB BROWSING DIGITAL CDMA TELEPHONE

OWNER'S OPERATING MANUAL

AUDIOVOX
COMMUNICATIONS CORP.

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AUDIOVOX CDM-9000

Tri-Mode CDMA/AMPS Handheld Portable Cellular Telephone

In today's fast paced world, it has become a necessity to have access to real-time information. Your communications tools must provide you with this access from anywhere and at anytime. With that in mind, Audiovox developed the CDM-9000, our first Tri-Mode Web Browsing wireless telephone.

The CDM-9000 features 800 MHz Amps/CDMA and 1900 MHz CDMA Tri-Mode operation for enhanced nationwide service coverage. The digital phone features two easy to use soft keys that make surfing the web a breeze. The CDM-9000 also boasts a vibrating alert, voice recognition, and data capabilities. In addition, the phone features an enhanced phone book with 99 Alpha/198 Numeric memory locations, one touch emergency dialing, 15 distinctive ringer options, and menu driven operation. And with a Lithium Ion battery providing you with over 3 hours of talk time and 7 days of standby time, you'll have plenty of opportunity to use all of these advanced features.

The CDM-9000 cellular telephone has several optional accessories available, including: leather carrying case, extended Lithium Ion battery, cigarette lighter plug-in charger, desktop holder, AC adapter, Handsfree car kit and an earphone microphone and data cable.

And, of course, your new CDM-9000 digital handset provides you with something only an Audiovox phone can: the proven reliability that has made us one of the leading wireless handset providers.

Please take a few moments to read the following pages of the user's operation manual. It will help you make the most efficient use of this valuable communications tool.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read this information before using your handheld portable Cellular Telephone.

EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- ANSI C95.1 (1992)
- NCRP Report 88 (1986)
- ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). The design of your phone complies with the FCC guidelines (and those standards).

ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

PHONE OPERATION

Normal Position: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

The meanings of the acronyms are:

ANSI : American National Standards Institute
NCRP : National Council on Radiation Protection and Measurements
ICNIRP: International Commission on Nonionizing Radiation Protection

Tips on Efficient Operation:

For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

DRIVING

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving — driving safely is your first responsibility.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6") inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider [or call the customer service line to discuss alternatives.]

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

AIRCRAFT

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

BLASTING AREAS

To avoid interfering with blasting operations, turn your phone OFF when in a "Blasting area" or in areas posted "Turn off two-way radio". Obey all signs and instructions.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.
Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations, below deck on boats, fuel or chemical transfer or storage vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as: grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating the equipment, read all instructions and cautionary markings on (1) AC Adapter, (2) Battery and (3) Product using Battery.

1. **DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.**
2. **DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using the unit, lay down the unit to avoid possible damage due to instability.**
3. **DO NOT expose this equipment to rain or spilled beverages.**
4. **DO NOT use unauthorized accessories.**
5. **DO NOT disassemble the phone or its accessories;If service or repair is required, return the unit to an authorized Audiovox cellular service center. If the unit is disassembled, the risk of electric shock or fire may result.**
6. **To prevent injury or burns, DO NOT allow metal objects to contact or short circuit the battery terminals.**
7. **DO NOT open the battery case. If the battery is accidentally broken, avoid skin contact with the internal chemical contents. If there is skin contact, wash the affected area immediately and seek medical advice.**
8. **DO NOT put the battery close to, nor dispose it into fire.**
9. **The product that you have purchased contains a rechargeable Battery. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this Battery into the municipal waste stream. Check with your local solid waste officials for proper disposal procedures in your area.**

System configuration and the equipment list are as shown below.

Retractable
Whip Antenna

⑤
Wrist Strap

Handheld Portable
Telephone

Battery Pack

④
AC pter

③
Desktop Holder

List of Equipment

No.

WRIST STRAP ATTACHMENT

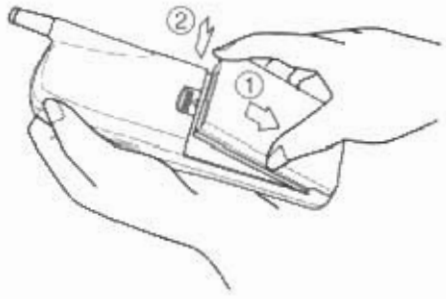
Attach the wrist strap to the phone through the strap hole as shown below ① .
Then put the long loop through the smaller loop as shown below ② .

BATTERY INSTALLATION AND RECHARGING

To Attach the Battery Pack

① Insert the hook at the end of the Battery Pack into the slot at the end of the phone.

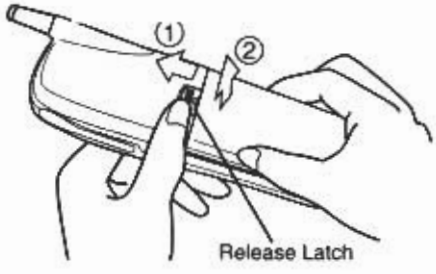
② Press the Battery Pack down to lock the Battery Pack onto the phone.



To Detach the Battery Pack

① Slide back the Release Latch as shown below.

② Lift up to remove the Battery Pack from the phone gently.

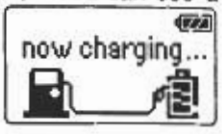


To Recharge Battery

Your CDM-9000 has a built-in charger function. To recharge the Battery Pack, always install the Battery Pack to the Phone.

1. Attach the Battery Pack to the Phone.
2. Insert the DC plug of the AC Adapter (CNR-4000) to the Desktop Holder (DTH-4000). Plug the AC Adapter to AC outlet.
3. Place the Phone with Battery Pack into the Desktop Holder.

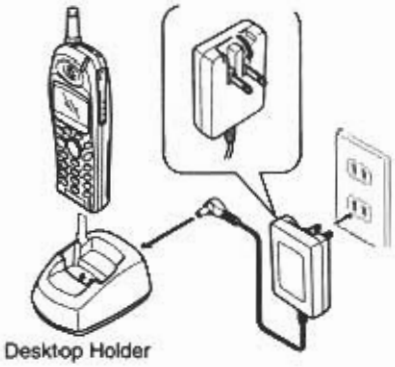
4. Then the recharging starts. The display indicates **"now charging"** with animation. You can see a battery level indicator scrolling at the upper-right of the display.



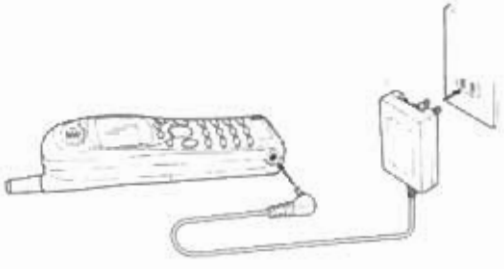
5. For complete recharging, it is recommended that the phone is turned off during recharging.
6. When the recharging is completed, the display indicates **"fully charged"**.
7. It is normal that Battery Pack may become a little warmer during recharging.

The recharging time, from empty to full, depends on the environmental temperature, 0 to +35°C.

Battery Type	Recharging Time
Slim Lithium Ion (BTR-4000)	1.5 to 2 h
Extended Lithium Ion (BTE-4000)	2.5 to 3.5 h


Desktop Holder

Alternatively you can recharge the Phone using AC Adapter as illustrated below.



Note: Do not feed the power to the Phone without Battery Pack.

FUNCTIONS

External View

Function of Keys

Key- Board Arrangement

Digit Keys	To enter Telephone Numbers, Names or special characters (* or #). (1) is also used for OneTouch Emergency feature.
Function Keys	
	SEND key. To originate or receive a Call.
	END key. To terminate a Call and to turn the phone ON/OFF.
	To recall phone numbers from memory. Also used as Left-arrow key.
	To be used with other keys to activate various special features. Also used as Right-arrow key.
	To control Earpiece audio level, Alert Tone and Key Tone. Also used as Up/Down-arrow keys.
STO	To store phone numbers in memory.
CLR	To clear digits from the display or from a memory location.
	To review Text Messages or to learn how many Voice Messages are in your Voice Mailbox. Also used as Soft key 1.
	To access your Voice Mail with only one key. Also used as Soft key 2.

LCD Display Indication

Items	Descriptions
Tıll	Receiving Signal Strength Indicator. The number of lines indicates the received Signal Strength, and T is also used as a POWER ON Indicator.
	Digital Mode Indicator. To indicate the phone is operating in digital mode.
	A Call is in progress.
	The phone is out of Service Area.
Rm	The phone is out of the Home-Area.
	Message Indicator. To indicate that Text Messages are stored in memory or Voice Messages are in your Voice Mailbox.
	Shows that Clock alarm or count down timer is set up.
	Battery Level Indicator. Monitors the battery charge condition.
ABCDEFGHIJKL MNOPQRSTUVW XYZ12345678	Graphic full-dot matrix display with flexible font size in 2 to 4 lines.

GETTING STARTED

Turning the Phone On/Off

Press and hold . All the indicators and the digit display will light momentarily, and a tone will be heard. The indicator T will stay while the phone is turned on.
To turn the phone off, press and hold .

Antenna Position

The antenna can be used in its fully extended or fully retracted position only. It is recommended that the antenna should be fully extended for optimum performance and signal strength or while operating in poor signal areas.

Receiving Signal Strength Indicator (Tıll)

The number of lines indicates the Signal Strength in your area. Four lines show the maximum level. The display will vary as you move with the phone. If the signal is not strong enough to place a call, "" will appear on the LCD display.

Battery Level Indicator

You can always monitor the battery charge condition with the constant battery level indicator. The number of blocks indicates the battery conditions as follows:

- Full charge
- Low charge
- Flashing indicates discharged.

Power Management

Battery	Mode	Talk Time up to	Standby Time up to
Slim Battery	Digital	190 min.	170 h
(BTR-4000)	Analog	65 min.	12 h
Extended	Digital	380 min.	340 h
(BTE-4000)	Analog	130 min.	24 h

The operating times are approximate values and may vary depending on network configuration and handset usage.

BASIC OPERATION

Placing Calls

To Place a Call

1. Enter the phone number.
   (A maximum of 32 digits will be displayed.)

2. Press .
   The indicator will light.

- ***To Correct a Number***

Press (CLR) to clear the last digit.
Press and hold (CLR) to erase all the digits entered

- ***If the Call Fails to Go Through***

Press , and to redial the number.

To Terminate a Call

Press . The indicator will go out

Last Number Redial

Press (Rcl) (*) to recall the last number you dialed then press .
See **Call History** on page 42 for details.

To Dial the Last Number Received

Press (Rcl) (#) to dial the last number with Caller ID you received, then press .
See **Call History** on page 42 for details.

Phonebook Dialing

Press (Rcl) and enter an address (01 to 99) to recall a number from your phonebook, then press .
See **Phonebook Recall** on page 31 for details.

To Mute a Phone Conversation

Press (F) (F) to mute your conversation at any time during a call. "**Mute**" will be displayed.
To return to normal conversation, press (F) (F) again.

Speed Dialing

If you know the phonebook address of the telephone number that you want to call, you may place a call without using (Rcl).

1. Enter the one or two digits of your Phonebook address (1 ~ 9 or 10 ~ 99).
2. Press (SEND). The phone number will be displayed. The ☎ indicator will light, and the call will be placed.

Note: If two telephone numbers are stored in the address, the Primary Number will be dialed.

Quick Dialing

When this feature is on, the Primary number in your Phonebook address 02 to 09 can be dialed with just one push of the key. See **Quick Dialing (F01)** on page 75 to turn this feature on/off.

1. Press a digit key ((2ABC) to (9WXYZ)) for more than one second.
2. The number in your phonebook is automatically dialed. The phone number will be displayed. The ☎ indicator will light.

*Note: The key (1) is not for Quick Dialing, but for **One Touch Emergency Call**, page 19.*

Emergency Call

This feature permits you to place an emergency call even if your telephone is in "**Phone Lock**", "**Keypad Lock**" or "**Restrict**" mode. Up to 3 numbers can be programmed as Emergency numbers. The emergency numbers "**911**" and "***911**" are already preprogrammed. See **To Change Emergency Numbers (F62)** on page 70.

Example: To Call 911 in "**Phone Lock**" or "**Keypad Lock**" mode.

1. Enter (9WXYZ) (1) (1). The "**911**" will not be displayed, but "**Phone Lock**" or "**Keypad Lock**" will be displayed.
2. Press (SEND). The "**911**" will be displayed. The ☎ indicator will light, and the call will be placed.

OneTouch Emergency Call

This feature permits you to dial an emergency number by a single key stroke, even in the "**Phone Lock**" or "**Restrict**" mode. This feature can be turned off to prevent unintentional calls to the emergency number.

See **To Turn On/Off OneTouch Emergency Call Feature (F63)** on page 71.

1. Press and hold (1) for more than 2 seconds. The number in emergency memory location "1" will be dialed.
2. Then the ☎ indicator will light, and the call will be placed. (The factory preset number is "**911**".)

Note: This feature cannot be used if the Keypad Lock is on. You need to dial all the digits and (SEND).

Emergency Call Mode

When you dial one of the 3 pre-programmed emergency numbers, your phone will enter the **Emergency Call Mode**. In this mode, the phone will attempt to complete the emergency call using any available cellular system from which it can obtain service.

After it places an emergency call, the phone will stay in the **Emergency Call Mode**, and will display "**Emergency Call Mode, END to exit**". In the **Emergency Call Mode**, the phone will attempt to continue to receive service from the Cellular system that it used to complete the call. The phone will automatically exit the **Emergency Call Mode** after 5 minutes or after you press END.

Receiving Calls

To Receive a Call

When the telephone rings, press (SEND) to answer the call. The ☎ indicator will light.

Any Key Answering

This feature permits you to answer an incoming call by pressing any key on the key pad except (END) and (Rcl F▸).

Caller ID with Name

This feature allows you to preview in your display the number and name of the party calling you before you answer the call. The name is as you programmed it in your phonebook.

1. When the phone rings, the Calling Number appears in the display.
2. The last 10 Caller IDs are stored in the memory for your review and redial. See **Call History** on page 42 for details.

Note: *"**Number Restricted**" or "**Number Unavailable**" is displayed when the Caller ID is restricted or not available.*

Automatic Calls-in-Absence Indicator

This feature indicates the number of unanswered incoming calls. If incoming calls are not answered, the LCD display will indicate "**Called XX**". "**XX**" is the number of calls (01 to 99) missed. Depressing any key will clear the display.

Ringing Tone with Melody

The CDM-9000 offers you 15 styles of ringer tones and melodies for alerting incoming calls. Ringer volume can also be adjusted. See **Ring Type Selection (F32)** on page 58 and **Alert Tone Volume Control (F31)** on page 57 for setting. See also **Vibrator Alert (F8)** on page 75.

Distinctive Ringing (Audible Caller ID)

You may program different ringer styles for different phonebook addresses. See **To Store a Ring Type with the Phone Number** on page 29 for setting.

During Calls

To Adjust the Earpiece Volume

Simply press ▲ or ▼ to adjust Earpiece Volume during a call.

Scratch Pad Dialing

If you enter a telephone number during a call, the number will be stored in the Scratch Pad memory.

After terminating the call, the number you entered can be dialed by ☎.

Note: *You can deactivate "**Sending DTMF**" so that keypad tones will not be transmitted to the calling party. See **Sending DTMF (F35)** on page 58.*

Automatic Talk Timer

The talk time of the current call will be automatically displayed. For example, "**1h23m45s**".

Call Waiting

Your service provider may provide Call Waiting service. When you are on a call, you may hear beep tone alerting you of another incoming call. Your phone displays "**New Caller**" and the new caller's ID with the name. The name is as you programmed it in your phonebook.

1. Press ☎ to answer the new call.
2. Press ☎ again to switch between the two calls.

Three-Way Calling

Your service provider may provide Three-Way Calling service. When a call is already in progress, you may call the third party.

1. Enter a number and press ☎ to call the third party.
2. Press ☎ again to connect all three parties.

Ask your service provider for the detailed information.

Standby

Clock Indicator

Date and Time are automatically displayed, if this feature is enabled. See **Clock Indicator (F42)** on page 62 to turn this feature on/off.

Clock Alarm

This feature alert you repeatedly at the alarm time that you programmed. See **Clock Alarm (F44)** on page 63 for setting.

Countdown Timer

This feature alerts you when the countdown timer expires. The timer can be set to 1 through 99 minutes See **Countdown Timer (F45)** on page 64 for setting.

End to End Signaling

To utilize certain phone services, such as accessing an alternate long distance network, signaling a pager or banking by phone etc., Touch Tone™ signaling is required. The following features will make it easy to send frequently used Touch Tone™ signals. See **Link Dialing** on page 38 for more information.

Touch Tone™ from Display

When **Sending DTMF** (page 58) mode is on, the numbers will be sent in Touch Tone™ signals during a call as you press digit keys. When **Sending DTMF** mode is off, you can send Touch Tone™ signals in the following manner.

1. Enter the number.

2. Press (F▸) and scroll to "**TONE**".

3. Press (F▸). The number in the display will be sent in Touch Tone™ signals.

Touch Tone™ from Memory

Touch Tone™ signals can be sent from memory during a call.

1. Press (◂Rcl), and recall the number you want to send in Touch Tone™ signals.

2. Press (F▸) and scroll to "**TONE**".

3. Press (F▸). The number in the display will be sent in Touch Tone™ signals.

PHONEBOOK OPERATION

Your phone has an Enhanced Phonebook with 99 dual-number memory addresses. At each address, you can store up to two telephone numbers under one name. This feature allows you to store, under one name, a person's home and office number, office and mobile number, etc. Stored numbers can be easily recalled and dialed by pressing (↶). Numbers can also be marked Secret for added privacy.

Number of Digits per Phonebook Address

Address	Single Number or Dual Numbers	Linked Numbers
01 to 90	Up to 32 digits	Up to 40 digits
91 to 99	Up to 32 digits	Up to 80 digits
Note	Includes Dual Mark and Manual Hyphens	Includes Link Marks and Manual Hyphens

Phonebook Entry

To program your phonebook, enter the information in the following order. You may skip "Name", "Option" and/or "Voice".

(CLR) [Number] (STO) ⋮Name⋮ (STO) ⋮Option⋮ [Address] ⋮Voice⋮

To Store a Number without Name

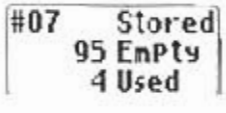
1. Press (CLR), then enter the phone number.
2. Press (STO) (STO), then enter the desired memory address (01 through 99).

Example: To store the phone number 1 2 3 4 5 6 7 8 9 0 in address 07.

1. Press (CLR).
2. Enter (1) (2ABC) (3DEF) (4GHI) (5JKL) (6MNO) (7PQRS) (8TUV) (9WXYZ) (0OPER).

3. Press (STO) (STO).

4. Enter (0OPER) (7PQRS) and press (↶) (F▸).



Overwrite Warning

When you attempt to store a number in an address where another number has been already stored, you will have "**OVERWRITE**" warning.

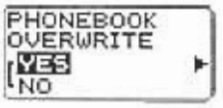
Example: To store the number 9 8 7 6 5 4 3 2 1 0 in the address 07, where another number 1 2 3 4 5 6 7 8 9 0 is already stored.

1. Press (CLR).
2. Enter (9) (8) (7) (6) (5) (4) (3) (2) (1) (0).

3. Press (STO) (STO).

4. Enter (0) (7).
   The already stored number is displayed momentarily.

5. Two seconds later.



6. If you accept to overwrite, scroll to "**YES**" and press (F▶) (.) (F▶).
7. If you do not want to overwrite, scroll to "**NO**" and press (F▶). The screen returns to the step 3 again.

Auto Hyphenation

With this feature on, hyphens are automatically inserted when you enter telephone numbers and when you recall the numbers from the Phonebook. See **Auto Hyphenation (F23)** on page 56 to activate or deactivate this feature.

Length of Number	Display Example
10 digits or less	123-456-7890
11 to 21 digits	1-234-567-89012
22 digits or more	No hyphens

*Note: When you manually insert hyphens, the **"Auto Hyphenation"** feature will not work for that particular number.*

Manual Hyphenation

You can manually insert a hyphen at any place when you enter a telephone number. The maximum number is 32 digits long including hyphens.

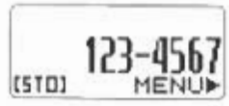
Example: To insert a hyphen in the number 1 2 3 4 5 6 7 to display it as 123-4567.

1. Press (CLR).
2. Enter (1) (2) (3).

3. Press (F▶) and scroll to "**HYPHEN**".

4. Press (F▶)

5. Enter (4) (5) (6) (7)



Automatic Storing into Phonebook

This feature allows convenient automatic storing into a vacant phonebook address.

The number will be stored in the first available memory address which will be indicated in the display. This feature can prevent the possible overwriting of a previously stored number.

1. Enter the phone number.
2. Press (STO) (STO) (STO).

Example: To store the phone number 1 2 3 4 5 6 7 8 9 0 into a vacant memory address 04.

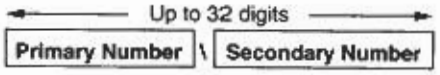
1. Press (CLR).
2. Enter (1) (2) (3) (4) (5) (6) (7) (8) (9) (0).

3. Press (STO) (STO).

4. Press STO ▼ F+ .

To Store Dual Numbers in Phonebook

You can store Dual Numbers with Dual Mark " \ " up to 32 digits for all the address 01 to 99 in the phonebook.



To store two telephone numbers in one phonebook address, enter the first number, select the Dual Mark " \ " by using Menu, then enter the second number.

Example: To store the primary number 1 2 3 4 5 6 7 8 9 0 and the secondary number 9 8 7 6 5 4 3 2 1 0 in address 08.

1. Press CLR .
2. Enter 1 2ABC 3DEF 4GHI 5JKL 6MNO 7PQRS 8TUV 9WXYZ 0SPACE .

3. Press F+ and scroll to "DUAL MARK".

4. Press F+ .
   The Dual Mark " \ " is inserted.

5. Enter 9WXYZ 8TUV 7PQRS 6MNO 5JKL 4GHI 3DEF 2ABC 1 0SPACE .

6. Press STO STO .

7. Enter 0SPACE 8TUV and press ▼ F+ .

Note: You can add a second number after storing a first number. See ***To Enter a Second Number*** *on page 34.*

To Store a Name with the Phone Number

To use this procedure, you will need to refer to "**Alpha Mode**" below.

1. Enter the phone number.
2. Press STO to select the Alpha Mode.
3. Enter the name.
4. Press STO , then enter the memory address (01 through 99) to store the number with the name into memory.

Example: To store the phone number 1 2 3 4 5 6 7 8 9 0 with the name Mr. JACKSON into memory address 11.

1. Enter the phone number; 1 2ABC 3DEF 4GHI 5JKL 6MNO 7PQRS 8TUV 9WXYZ 0SPACE .

2. Set Alpha Mode; STO

3. Enter the Name; 6MNO for "M", V+ 7PQRS 7PQRS 7PQRS for "r", *BKSP 6MNO for ".", V+ 5JKL for "J", 2ABC F+ for "A", 2ABC 2ABC 2ABC for "C", 5JKL 5JKL for "K", 7PQRS 7PQRS 7PQRS 7PQRS for "S", 6MNO 6MNO 6MNO F+ for "O", and 6MNO 6MNO for "N".

4. Press STO .

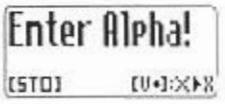
5. Enter 1 1 and press ▼ F+ .

Alpha Mode

You can add an identifying name ("Alpha Tag" up to 2 lines or 20 to 24 characters) to the phone numbers at each phonebook address.

To Enter Names using Alpha (Letters)

1. Press CLR , then enter the phone number.
2. Press STO .



3. Press digit key repeatedly to display the letter that you want. The following table shows which character is assigned with each digit key. For example, to enter the letter "D", press (3DEF) once. For the letter "F", press (3DEF) 3 times.

Assigned Alpha Characters

Key	1 press	2 press	3 press	4 press	5 press
1	Blank	1			
2 ABC	A / a	B / b	C / c	2	
3 DEF	D / d	E / e	F / f	3	
4 GHI	G / g	H / h	I / i	4	
5 JKL	J / j	K / k	L / l	5	
6 MNO	M / m	N / n	O / o	6	
7 PQRS	P / p	Q / q	R / r	S / s	7
8 TUV	T / t	U / u	V / v	8	
9 WXYZ	W / w	X / x	Y / y	Z / z	9
0 OPER	0				

4. To change from upper to lower case characters or vice versa, press (V+) during entry of Alpha.
5. To enter special characters, press (*/VAD) or (#/Web) and a digit key to select characters from the table below.

Assigned Special Characters

(*/VAD)						(#/Web)					
1	!	2	?	3	_	1	(	2	)	3	:
4	+	5	-	6	.	4	<	5	>	6	&
7	*	8	/	9	=	7	"	8	'	9	#

6. If you make a mistake, press (CLR) to erase the last character. Press and hold (CLR) to erase all the characters on the display.
7. Press (F▸) to move the cursor, which inserts a blank space after the last character.
8. Press (◂Rd) to move the cursor back to insert new characters.
9. To exit the Alpha Mode, press (⏻) .

Note: *You must enter the phone number first, then add the name. Entering a number after the name will erase the name.*

To Store a Ring Type with the Phone Number (Distinctive Ringing)

You can choose one of 15 ring types for each phonebook address. With this feature, you will be able to distinguish who is calling by hearing the ringing tone. The ring type is selected while storing the number when the word "**OPTION**" appears.

Example: To store a number with Ring Type #02 in the address 12.

1. Enter the phone number, and press (STO) (STO) .

2. Press (F▸) and scroll to "**RING TYPE**".

3. Press (F▸) and scroll to one of the numbers, which you want to set.

4. Press (F▸) and scroll to sample the different ring types.

5. Press (F▸) to set the new ring type.

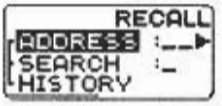
6. Enter (1) (2ABC) and press (▾) (F▸) .

Notes: *1. If you have one number only, the step 3 is skipped.*

*2. The "**COMMON**" shown in the step 4 is the ring type you selected with the Function Menu. See **Ring Type Selection (F32)** on page 58.*

Recall Menu

Press (Rcl) key. The following **"RECALL"** menu will prompt you to recall the number from the memory.

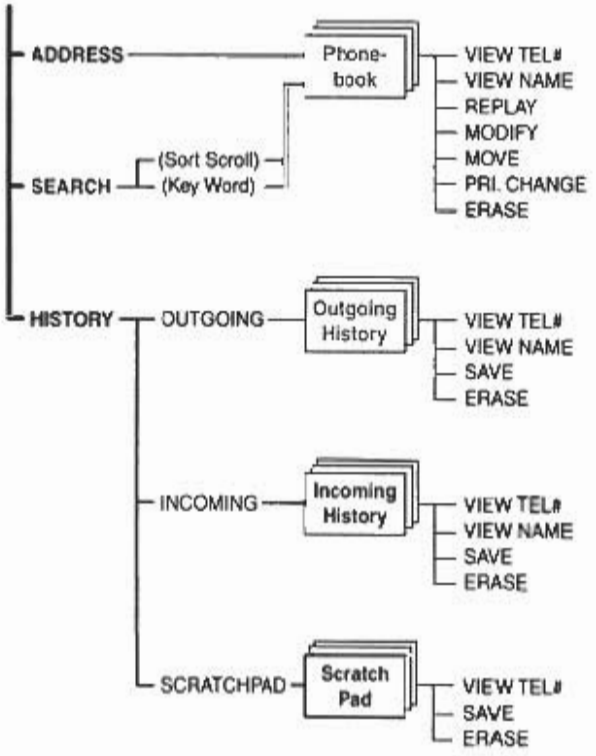


- **"ADDRESS"** : Phonebook Address Mode
- **"SEARCH"** : Phonebook Sort Scroll Mode or Phonebook Key Word Search Mode

"HISTORY" : Call History Mode

Recall Menu Tree

Main Menu ..... *Sub-menu*



Notes: 1. *The submenu "PRI.CHANGE" will be available only when two telephone numbers are stored in that address.*

2. *The submenu "REPLAY" will be available only when your voice is stored in that address.*

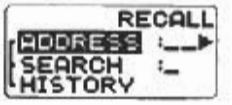
Phonebook Recall

To recall the numbers stored in your phonebook, you have three methods: Address Mode, Sort Scroll Mode and Key Word Search Mode.

Phonebook Address Mode

This mode is useful in finding a phone number by recalling a specific address or by scrolling the Phonebook.

1. Press (Rcl).
2. Enter the two-digit Memory Address.
3. Press (▲) or (▼) to scroll.



Note: *The scroll feature will skip any vacant memory address(es).*

Phonebook Sort Scroll Mode

This mode sorts and displays, in alphabetical order, telephone numbers stored with "Alpha Tags" (Names). Blank digits on top will be disregarded for scroll.

Example: To display the numbers stored in the memory alphabetically from "J".

1. Press (Rcl) (▼).

2. Press (5 JKL) for "J".

3. Press (▶).

4. Press (▼).

5. Press (▼).

Note: *When the Alpha Tag is 2 lines long, only the Alpha Tag is displayed without the telephone number. However, a call can still be made by simply pressing (☎).*

Phonebook Key Word Search Mode

This mode searches and displays the character string of Alpha Tags stored in the Phonebook. Any part of the Alpha Tag can be used for the search.

Example: To search the character string AN stored in the Phonebook.

1. Press (Rcl) (▼).

2. Press (2ABC) for "A".

3. Press (6MNO) (6MNO) for "N".

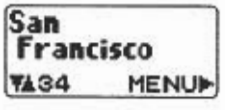
4. Press (F▸)

5. Press (▼)

6. Press (▼)

7. Press (▼)

8. Press (▲)



Notes: 1. *The key word can be searched regardless of upper or lower case letters.*

2. *When the Alpha Tag is 2 lines long, only the Alpha Tag is displayed without the telephone number. However, a call can be made by simply pressing* (📞).

To Dial Dual Numbers

After the number is recalled in the display, it can be easily called by pressing (📞).

- To dial the primary number, just press (📞).
- To dial the secondary number, press (▼) (📞).

Primary Number →
Secondary Number →

To Review Long Numbers

This feature allows you to review all the digits of very long numbers or numbers stored with Alpha Tags.

1. Use any of the previously described Phonebook search modes to recall a number.
2. Press (F▸) and scroll to "**VIEW TEL#**", and the entire digits of the number will be displayed.

To Review Long Names

This feature allows you to review whole Alpha Name Tag stored with dual numbers.

1. Use any of the previously described Phonebook search modes to recall a number.
2. Press (F▸) and scroll to "**VIEW NAME**". Press (F▸) again, and all the characters of the Name will be displayed.

Prepending Dialing

This feature will be convenient when you need to add an area code to the number in the phonebook.

Example: To add 1 2 3 to a number 4 5 6 7 8 9 0.

1. Recall the number.

2. Enter (1) (2ABC) (3DEF)

3. Press (📞) Then the call is placed to 123-4567890.

Note: *The added digits will not be stored in the phonebook memory.*

Phonebook Edit

This section guides you how to modify, move, change priority and erase the phonebook contents.

To Modify Numbers and Names

You can modify any of the phonebook contents you have stored, including Phone Numbers, Names, Ring Type, Secret and Address.

To Modify Phone Numbers

Recall the number from the phonebook.
Press (F) to select "**MENU**", then scroll to "**MODIFY**" and press (F). Enter the new digit(s) and delete the old digit(s) by pressing (CLR). To move the cursor, press (▲) to left, (▼) to right.

To Modify Alpha Name Tag

Recall the number and proceed to "**MODIFY**" as above. Press (STO), and the Name Tag will appear by itself. Press (CLR) to clear the letter(s), and enter the new Name.

To Modify Address

After you modified number/name, just press (STO) without entering new address, and the current phonebook address will be overwritten. If you enter a new address, and press (STO), the modified number/name will be copied to the new address, while the original address will remain unchanged.

To Enter a Second Number

Example: To add the secondary number 9 8 7 6 5 4 3 2 1 0 in the address 07.

1. Recall the number stored in the memory address 07.

2. Press (F) and scroll to "MODIFY".

3. Press (F).

4. Press (F) and scroll to "DUAL MARK".

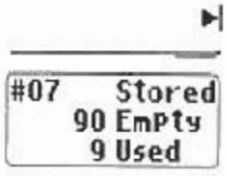
5. Press (F).
   The Dual Mark " \ " is inserted.

6. Enter (9) (8) (7) (6) (5) (4) (3) (2) (1) (0).

7. Press (STO) (STO).

8. Press (STO).
   The original number is displayed momentarily.

9. Two seconds later.



To Move Numbers and Names.

You can move the phonebook contents to a new address. The original address will then be erased.

Example: To move the number 1 2 3 4 5 6 7 8 9 0 from the address 20 to 15.

1. Recall the number stored in the address 20.

2. Press (F) and scroll to "MOVE".

3. Press (F)

4. Enter (1) (5) as a new address.

To Change Priority of Dual Numbers

Example:

1. Recall the number.

   Primary Number
   Secondary Number

2. Press ( ) and scroll to **"PRI.CHANGE"**.

*Note: The primary number will be dialed when you use **Speed Dialing** and **Quick Dialing** features.*

To Erase Numbers and Names

This feature erases the number already stored in the Phonebook.

Example

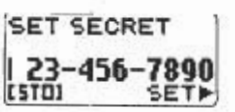
Secret Memory

To Store a Secret Number

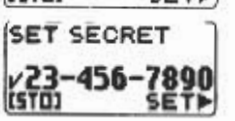
This feature permits you to store a phone number that you want to keep secret in your phonebook. The secret number can be accessed only by entering the **security code** (see page 53).

4. Press ( ) and scroll to **"SECRET"**.

5. Press (



6. Press ( ) to put a mark " ✓ " on the number to be secret.



7. Press (STO) .

8. Enter (3) (0) and press ( ) ( ) to store it.

2. Press F▸ SECURITY CODE:

OK▸

3. Enter the four-digit security code and press F▸.

123-456-7890
T▲30 MENU▸

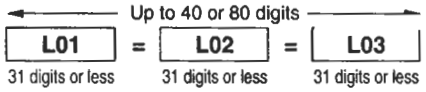
Link Dialing

This feature permits you to link groups of numbers to be sent in sequence. The linked numbers can be stored in memory. When dialed, the first group of numbers will be sent in digital signaling, and the rest of the numbers will be sent in Touch Tone™ group by group each time you press ☎.

To Store Linked Numbers in Phonebook

Linked Numbers can be stored using any of the procedures described under memory operations (at a specific address, with a Name Tag, at the next vacant memory location or as secret). The only difference is, that a Link Mark " = " must be entered between the linked numbers. The link mark is entered using the key sequence F▸ F▸.

You can store Linked Numbers with Link Marks " = " up to 40 digits for the address 01 to 90, and up to 80 digits for the address 91 to 99 in the phonebook.



The example on the next page shows how to store a Linked number at a specific memory address.

1. Enter the first number.
2. Press F▸ F▸. A link mark " = " will be added at the end of the number.
3. Enter the second number. If you wish to link additional number(s), return to 2.
4. Press STO STO, then enter the memory address (01 ~ 99).

Example: To link 3 numbers and store in Address 35.

1. Enter 7PQRS 4GHI 6MNO 3DEF 4GHI 7PQRS 9WXYZ.

746-3479
[STO] MENU▸

2. Press F▸

MENU
LINK MARK ▸
DUAL MARK
HYPHEN

3. Press

746-3479=
L01 MENU▸

4. Enter 1 2ABC 3DEF

123
L02 MENU▸

5. Press F▸

MENU
LINK MARK ▸
DUAL MARK
HYPHEN

6. Press F▸

123=
L02 MENU▸

7. Enter 1 2ABC 3DEF 4GHI 5JKL 6MNO 7PQRS 8TUV 9WXYZ 0OPER.

1234567890
L03 MENU▸

8. Press STO STO 3DEF 5JKL ▼ F▸.

Stored
90 Empty
9 Used

Note: While entering a linked number, you may review all the parts of that number, even those already entered.

*Press F▸, scroll to "**VIEW TEL#**" and press F▸. The linked numbers you have just entered will be displayed one by one each time you press F▸.*

To Place Calls using Linked Numbers

1. Press ◂Rcl, and select the linked number you want to call. (See **Phonebook Recall** on page 31.)
2. Press ☎. Then the ☎ indicator will light as the first number is dialed.
3. Press ☎. The second linked number will be sent in Touch Tone™ signals. Succeeding numbers can be sent sequentially by pressing ☎ again.

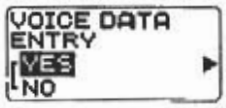
Voice Activated Dialing (VAD)

With this feature, you can make a call from your phonebook by just saying the name. You can register, in your own voice, names for up to 20 numbers in your phonebook.

Voice Registration

Example: Store the telephone number 1 2 3 4 5 6 7 8 9 0, and register the name "Katie".

1. Enter the telephone number (1 2 3 4 5 6 7 8 9 0).
2. Press (STO) (STO) (STO) .



3. Press (F) .
4. After you hear the voice prompt, **"Name, please"**, speak "Katie" into the microphone of the handset. You will hear back "Katie" repeated from the handset.

5. After you hear the voice prompt, **"Again"**, repeat the name "Katie". You will hear "Katie" repeated from the handset again.
6. If the registration is successful, you will hear the prompt **"Entry Completed"**.
7. Your voice registration status is displayed.

8. And your phonebook status is displayed.

Notes: *1. Please register names with your normal tone of voice, and in a quiet environment.*
2. For better recognition, it is recommended that very similar sounding names should not be registered.
3. The maximum length of names that the phone will accept is 2 seconds.
4. The same person's voice that was used to record the names must be used for dialing, otherwise the VAD feature may not work properly.

Reviewing the Registered Name

1. Press (Rcl) to recall the number from the phonebook.

2. Press (F) and scroll to **"REPLAY"**.
3. Place the phone near your ear, and press (F)
4. You will hear the registered name.

Note: *Addresses with voice are marked with "V".*

Voice Activated Dialing

Example: Dial the number by speaking "Katie".

1. Press and hold (✱ Mic) .
2. Listen to the phone say **"Name, please"**, then speak into the microphone "Katie".
3. You will hear from the phone, **"Calling Katie"**.
4. Katie's number in the phonebook will be automatically dialed.

Notes: *1. If you hear "Did you say 'Katie' ?", please answer to it "Yes" or "No".*
2. When you use this feature through car kit option, it is recommended that you speak slightly louder for better recognition.

To Register a Name to a Number Stored in Memory

1. Press (Rcl) to recall the number from the phonebook.
2. Press (F) , scroll to **"MODIFY"** and press (F) again.
3. Press (STO) (STO) (STO) .
4. After the screen displays **"PHONEBOOK OVERWRITE"**, press (F) .
5. You will have on the screen **"VOICE DATA ENTRY"**.
6. Press (F) and go to the step 4 of **Voice Registration** on page 40.

Note: *In case dual numbers or linked numbers are stored in the phonebook, the primary number or the first number can be dialed using VAD.*

To Delete the Registered Name

1. Press (Rcl) to recall the number from the phonebook.
2. Press (F▸), scroll to "**ERASE**" and press (F▸) again.
3. Scroll to "**VOICE DATA**" and press (F▸).
4. You will have on the screen "**VOICE DATA ERASE**". Scroll to "**YES**" and press (F▸).

Call History

This feature recalls outgoing Call History and incoming Caller ID numbers. This is convenient for redialing recently called numbers or for returning missed calls by using the stored Caller ID. (See **Caller ID with Name** on page 20.)

Call History Memories

Memory	Description
OUTGOING	Last 10 numbers you dialed. Address 01 to 10.
INCOMING	Last 10 numbers you answered or missed. Address 01 to 10.
SCRATCHPAD	Last 3 numbers you wrote during calls. Address 01 to 03.

You can access the memory in two ways, Scroll and Shortcut.

By Scrolling

1. Press (Rcl) and scroll to "**HISTORY**".

2. Press (F▸) and scroll to the menu item you want.
3. Press (F▸) to select.

4. To review the numbers in memory, scroll with (▲) or (▼).
5. After a number is displayed, it can be easily dialed, by simply pressing (TALK).

Shortcut:

- Press (Rcl) (*/tone) to display the latest number in the outgoing history memory.
- Press (Rcl) (#/mute) to display the latest number in the incoming history memory.

To Review Outgoing Call History

Example: To recall a number from Outgoing History.

1. Press (Rcl) (*/tone). The most recent call is displayed.

2. Scroll with (▲) or (▼) to review other numbers.
3. You can place a call by simply pressing (TALK).

When duplicate numbers are called, only the latest call is stored in the outgoing call history memory.

To Review Incoming Call History

Example: To recall a received Caller ID from Memory Stack.

1. Press (Rcl) (#/mute). The most recent call is displayed.

2. Press (▼). A time stamp is shown, if available.

3. Press (▼). A name is shown, if available in your phonebook.

4. You can place a call by simply pressing (TALK).

In the incoming call history, the calls are marked with "◆" or "◇". Numbers with "◆" represent calls you missed, and numbers with "◇" represent calls that you answered. When duplicate numbers are received, only the latest call is stored in the incoming call history memory.

To Review Scratch Pad

Example:

1. Press (Rcl) (▲) (F▸) (▲) (F▸).

2. Scroll with (▲) or (▼) to review other numbers.
3. You can place a call by simply pressing (📞).

To Save a Number to Phonebook

The numbers of Call History and Scratch Pad Memory can be stored in your phonebook. You can add a name in the same way as "**MODIFY**". See **To Modify Numbers and Names** on page 34.

Example: To save a received Caller ID to Phonebook.

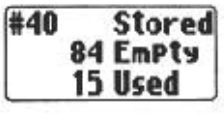
1. Recall a number.

2. Press (F▸) and scroll to "SAVE".

3. Press

4. Press (STO) (STO)

5. Enter (4) (0) as an address, and press (▼) (F▸).

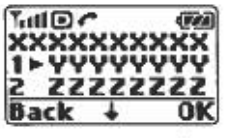


WEB BROWSING

When operating in the Digital mode, you can access various internet websites directly from your cellular phone Please contact your Service Provider for details of the available services. See **Web Browser Setup (F72)** on page 73.

Web Access

1. Press and hold (#). The Web Browser will start. The cached information may be displayed.
2. To access the network, press and hold (CLR) while ▣ indicator is on. Your phone will display your service provider's website with a flashing 📞.



3. Scroll the page by (▲) or (▼).
4. Press (✉) or (V+) to select the menu option in the bottom line of the display.
5. To return to the previous page, press (CLR).
6. To terminate the network access, press (📞). The 📞 indicator will go out. You can still browse the cached information.
7. Press (📞) again to close the web browser.

Browser Menu

Press (Rcl) key while the browser is active to see the browser's local menu.

1. **Help:** To get help information.
2. **Home:** To get back to the Home page. Press and hold (CLR) will do the same.
3. **Mark Site:** To store the current page in your bookmark list.
4. **GoTo URL:** To input URL (Uniform Resource Locator), and access that page.
5. **Show URL:** To display the URL of the current page.
6. **Restart:** To clear the cache memory in your browser.
7. **Phone.com:** To display the version of your browser.
8. **Advanced**: To use for security.

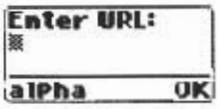
RSA SECURE

browser by phone.com

Alpha Entry In Browser Mode

"**Alpha**" mode will automatically be active when it is necessary to enter alphabet character such as URL.

Example:



ALPHA/alpha — Alphabet Mode

Press (#▸) to switch upper and lower cases. Press (▲) to move the cursor to left, and (▼) to right. To exit the Alphabet Mode, press (V+)CLR.

SYM — Symbol Mode

By pressing ^{SYM}(✉), "**SYM1**" (symbol) mode will be active. Scroll "**SYM1**" to "**SYM4**" by (▲) or (▼), and press the corresponding digit key ((1) to (9wxyz)) to select.

NUM — Numeric Mode

Press ^{SYM}(✉) ^{SYM}(✉) to set "**NUM**" (numeric) mode. Press ^{SYM}(✉) again to reset to "**Alpha**" mode.

Alphabet Mode

Key	1 press	2 press	3 press	4 press	5 press
1	Blank	1	@	/	:
2 ABC	A / a	B / b	C / c	2	
3 DEF	D / d	E / e	F / f	3	
4 GHI	G / g	H / h	I / i	4	
5 JKL	J / j	K / k	L / l	5	
6 MNO	M / m	N / n	O / o	6	
7 PQRS	P / p	Q / q	R / r	S / s	7
8 TUV	T / t	U / u	V / v	8	
9 WXYZ	W / w	X / x	Y / y	Z / z	9
0 OPER	0	.	,	?	!

(*)	*	@	-	_	/	$	%	(	)	+
(#)	#	.	,	?	!	'	"	;	:	

Symbol Mode

	1	2	3	4	5	6	7	8	9
SYM1	.	!	?	,	-	'	"	(	)
SYM2	@	#	:	/	$	&	%	+	*
SYM3	;	<	>	=	[	]	_	{	}
SYM4	~	`	^	|	\				

MESSAGING FEATURES

Your CDM-9000 Audiovox Cellular Telephone has been engineered to operate with the latest technology that will allow you to enjoy the benefit of Voice Mail Notification and Text Messages. Please note that operation of these features depends on the Cellular System and therefore may not be available in all areas.

Message Indicator

A message indicator ✉ shows you the current status as explained below.

✉ **Flashing**	You have new Text Messages or new Voice Mail Notification.
✉ **Steady**	You have Text Messages or Voice Mail Notification, which you have seen already.
✉ **off**	Neither Text Message nor Voice Mail Notification.

In addition to the ✉ indicator, whenever your Voice Mail contains unreviewed messages, you will occasionally hear a short beep as a reminder.

Voice Mail

Voice Mail Notification

Your cellular telephone notifies you when new messages are in your Voice Mail. When messages are left in your Voice Mail, the ✉ indicator at the upper right of the display flashes to alert you.

Normal Voice Mail Notification

When your phone is notified by the cellular system that there are messages in your Voice Mail, the following occurs.

1. The phone sounds a short beep tone.
2. The ✉ indicator at the upper right of the display flashes to alert you. The display indicates "**NEW MESSAGE**" with animation.

3. The Phone's Memory Stack is updated as to the number of unreviewed messages in your Voice Mail.

Voice Mail Notification with Mail Retrieval Service (MRS)

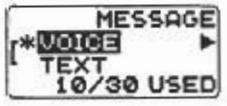
1. The phone sounds a short beep tone.

2. Press (📞) to answer the incoming call, your phone will be connected to your Voice Message Service so that you may retrieve your messages.
3. If you choose not to answer the incoming call, **"Message Retrieval"** will be stored in the stack for retrieval of your messages at a later time.

To Display the Number of Voice Mail Messages

Example:

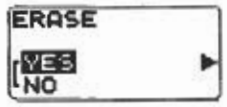
1. Press (✉). A mark " * " is flashing, when a new message is available.



2. Press (F) to select **"VOICE"**. The number of messages in your Voice Mail will be displayed.

3. If a Text Message is attached to the Voice Mail Notification, the Text Message can be reviewed by (F). Otherwise this step is skipped.
4. Press (F). Scroll to **"QUIT"** or **"ERASE"** the notification you reviewed.

5. Press (F).



6. To erase the Voice Mail Notification, scroll to **"YES"**, otherwise **"NO"**, and press (F)

Voice Mail Dialing

You can store one set of linked numbers in a specially provided memory, and access these numbers with one touch of the "Voice Mail Access" key (V+).

To Store the Voice Mail Access Number

Please see **To Store Linked Numbers in Phonebook** on page 38, and follow the steps 1 ~ 3 to make a set of linked numbers. Press (STO) (STO) (V+) (,) (F) to store. Up to 80 digits of linked numbers can be stored including link mark " = ". You can also add a Name Tag (up to 20 to 24 characters) with your voice mail number. (See **To Store a Name with Phone Number** on page 27.)

To Call Your Voice Mail

1. Press and hold (V+). The first number will be displayed and dialed.
2. Press (V+). The second number will be displayed and sent in Touch Tone™ signal.
3. The succeeding numbers can be sent sequentially by pressing (V+).

To Review the Voice Mail Access Number

1. Press (abc) to select the Phonebook Address Mode.
2. Press (V+). The first linked number in (V+) will be displayed.
3. Press (F) (one or more times) to display the remaining linked numbers in (V+).

Text Messages (Short Message Service)

Your phone is able to receive and display Text Messages of up to 255 characters long. The Text Message memory stack can store up to 30 messages. When an SMS message is received, the following occurs.

1. A short beep tone sounds.
2. The ✉ indicator at the upper right of the display flashes to alert you. The display indicates **"NEW MESSAGE"** with animation.

3. The Text Message just received is stored in the Memory Stack. To review stored messages, see **To Review a Text Message** on page 50.
4. If the Memory Stack is full, any new Text Messages will not be stored, and you will have the display:

To Review a Text Message

Text messages are stored in the address 01 to 30 in the memory stack. The address 01 has the last message. Every message moves to the next address when a new message is stored.

Example: To display a Text Message stored in the Memory Stack.

1. Press (✉) and scroll to **"TEXT"**. You have now 10 Text Messages out of 30 memories. A mark " * " is flashing, when a new message is available.

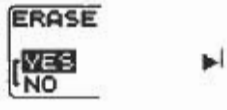
2. Press (F1). The first Text Message is displayed. A longer message will be automatically scrolled every 6 seconds.

3. Press (F1) or wait for 6 seconds to review an optional information.

4. Press (F1) or wait for 6 seconds. If a Callback Number is displayed, you can dial it by simply pressing (📞).

5. Press (F1) and scroll **"QUIT"** or **"ERASE"** for the message that you just reviewed.

6. Press (F1) to select.



7. To erase the Text Message, scroll to "YES", otherwise "NO", and press (F1).
8. To review another message, scroll with (▲) or (▼).

Note *New Text Messages are marked with "◆ ". Text Messages you have already reviewed are marked with "◇ ".*

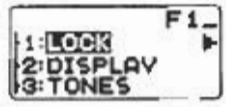
FUNCTION MENU

To Access Function Menu

Various phone settings can be changed through Function Menu to customize your phone's functions to fit your convenience. See **Function Menu Tree** in the following page. You can reach the Function you want to access in two ways; Scroll and Shortcut.

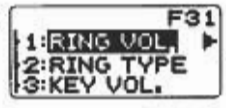
By Scrolling

1. Press (F1) to enter Main Menu.

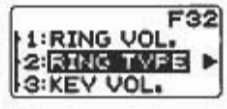


2. Scroll with (▲) or (▼) key to the desired item in the Main Menu.

3. Press (F1) to enter the submenu.



4. Scroll with (▲) or (▼) key to the desired item in the submenu.



5. Press (F1) to enter the function.

By Shortcut

Each Function has its shortcut number for direct access. For example, to enter the function **"RING TYPE"** (F32), press (F1) (3DEF) (2ABC).

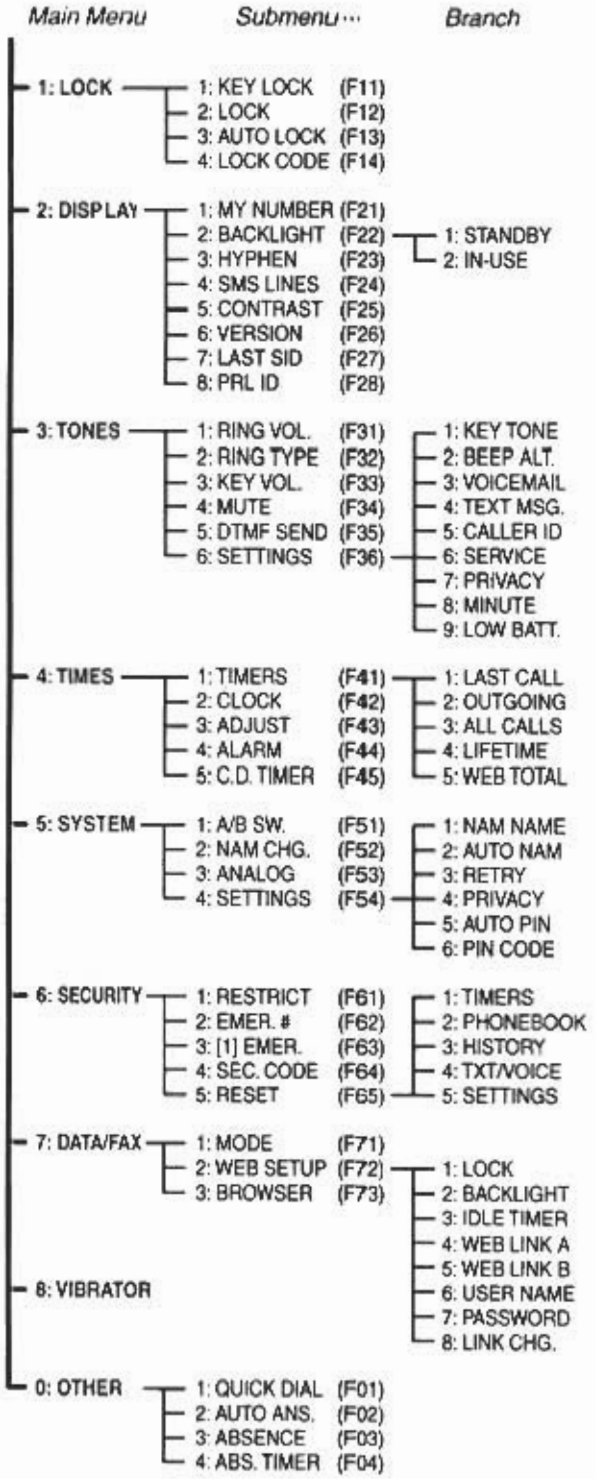
To Exit from Function Menu

- To return from a submenu to the main menu, press (Rcl).
- To exit from Function Menu, press (⏻).

Notes: *1. A mark " ▶ " at the right in a menu prompt you that you can see its detailed items by pressing (F1).*

2. A mark " √ " shows the current setting of the function.

Function Menu Tree



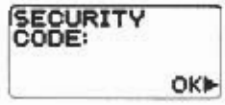
Lock Features

Security Code and Unlock Code

Your phone is equipped with the Security Code and the Unlock Code to access various security features. You may change the preset codes for added protection.

Code	Preset	Description
Security Code	1234	To access Secret Number, to set Call Restriction, etc.
Unlock Code	1234	To unlock the Phone

When "**SECURITY CODE:**" is displayed, you need to enter your four-digit security code.



See **To Change the Security Code (F64)** on page 71
See **To Change the Unlock Code (F14)** on page 54.

Keypad Lock (F11)

This mode is useful for preventing inadvertent pressing of keys. (For example, when the phone is in a purse or pocket.)

With this feature on, the following functions are still available.

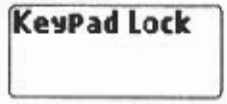
- Incoming calls can be answered with .
- Programmed emergency numbers can be called. (Except for **OneTouch Emergency Call**.)

When this feature is on, the following functions are not available.

- Automatic Answering
- Any Key Answering
- OneTouch Emergency Call
- Quick Dialing
- Turning off the phone by .

To Activate/Deactivate this Feature:

1. Press (F↦) (1) (1) to activate "**Keypad Lock**" mode.



2. Press (F↦) (1) (1) again to deactivate.

Phone Lock (F12)

This mode is useful to prevent unauthorized use of the phone. With this feature on, the following functions are still available.

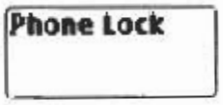
- Incoming calls can be answered with .
- Any Key Answering
- Programmed Emergency Call
- OneTouch Emergency Call
- Turning off the phone by .

The following functions are not available when this feature is on.

- Automatic Answering
- Quick Dialing

To Activate:

1. Press (F) (1) (2ABC) to activate "**Phone Lock**" mode.

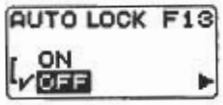


Note: *The phone will remain locked even if the power is turned off.*

Automatic Phone Lock (F13)

If you activate this feature, the phone will automatically go into the phone lock condition after it is turned off. (See **Phone Lock (F12)** above.) When you turn the phone on, you must enter the four-digit unlock code before it operates. (See **To Unlock the Phone** below.)

1. Press (F) (1) (3DEF).
2. You can turn this feature on/off by ▲ or ▼.
3. Press (F) to set.

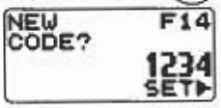


To Unlock the Phone

1. Enter the four-digit unlock code.
2. The "**Phone Lock**" indicator will go out.

To Change the Unlock Code (F14)

1. Press (F) (1) (4GHI).
2. Enter the four-digit security code and press (F).
3. The current unlock code will be displayed.
4. Enter a new four-digit unlock code and press (F).



Display Features

Own Telephone Number Display (F21)

This feature enables you to display your own telephone number and the ID number (SID) of your "Home" Cellular System.

Press (F) (2ABC) (1).

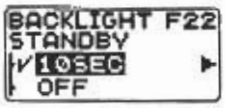
Backlight Control (Standby) (F22-1)

The LCD display and keypad are backlighted automatically after Power-On.

The backlighting duration can be changed. Four modes are available.

1. Press (F) (2ABC) (2ABC).

2. Press (F)



3. You can change the current mode by ▲ or ▼.
4. Press (F) to set.

- ***10SEC – 10 Seconds Mode***

Backlight is on for 10 seconds after a key is pressed. It also lights automatically when the power is turned on and for an incoming call. The duration is variable between 5 to 30 seconds, by pressing (F).

- ***OFF – Off Mode***

Backlight is on momentarily when the power is first turned on, but remains off thereafter.

- ***ALWAYS ON – Always On Mode***

Backlight is always on.

Note: *You can keep the backlight on while you are engaged in a conversation. See* ***Backlight Control (In-Use) (F22-2)*** *on page 56.*

Backlight Control (In-Use) (F22-2)

For ease of operation, you may select to have the backlight always on while you are engaged in a conversation. When this feature is set to the "**ALWAYS ON**" mode, the backlight is turned on as long as the call is connected.

1. Press (F) (2ABC) (2ABC), and scroll to "**IN-USE**".

2. Press (F).

3. Scroll with ▲ or ▼ to "**NORMAL**" or "**ALWAYS ON**".
4. Press (F) to set.

Auto Hyphenation (F23)

See **Auto Hyphenation** on page 24.

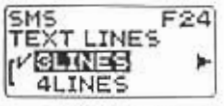
1. Press (F) (2ABC) (3DEF).

2. Scroll with ▲ or ▼ to "**ON**" or "**OFF**"
3. Press (F) to set.

SMS Text Lines Selection (F24)

You can select to have Text Messages displayed in either 3 or 4 lines.

1. Press (F) (2ABC) (4GHI).



2. Scroll with ▲ or ▼ to "3LINES" or "4LINES"
3. Press (F) to set.

Contrast Control (F25)

The LCD display contrast can be adjusted in 7 steps for your best condition.

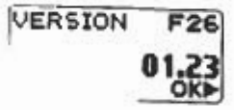
1. Press (F) (2ABC) (5JKL).

2. Adjust the contrast with ▲ or ▼
3. Press (F) to set.

Software Version Review (F26)

This feature permits you to review the software version which is installed in your phone.

1. Press (F) (2ABC) (6MNO).

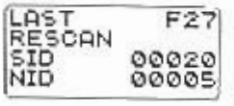


2. Press (F) to exit.

Last Rescan SID Indicator (F27)

This menu item permits you to view the **System Identification number (SID)**, which your phone is currently using.

Press (F) (2ABC) (7PQRS)

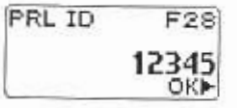


2. Press (F) to exit.

PRL ID Review (F28)

This menu item permits you to view the **Preferred Roaming List (PRL)** version that is programmed in your phone.

1. Press (F) (2ABC) (8TUV).



2. Press (F) to exit

Volume and Tone Controls

Alert Tone Volume Control (F31)

This feature allows you to adjust the ringer/melody volume. The following adjustment will also change the sound volume of **Clock Alarm** and **Countdown Timer**.

1. Press (F) (3DEF) (1).

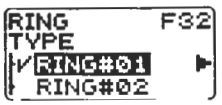
2. Keep pressing ▲ or ▼ until you get the desired sound level, or "silent" mode.

Note: In "silent" alert mode, alert tone is not given for an incoming call. However, if Automatic Answering feature is ON, alert tone is given with the lowest available volume.

Ring Type Selection (F32)

This feature permits you to select an alert tone pattern from 15 options including melody ringers.

1. Press (F▸) (3DEF) (2ABC).



2. Press (▲) or (▼) to select the alert tone.
3. Press (F▸) to set.

Key Tone Volume Control (F33)

1. Press (F▸) (3DEF) (3DEF).

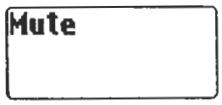
2. Keep pressing (▲) or (▼) until you achieve the desired sound level, or "silent" mode.

Note: *Key tone will be off in "silent mode", but tone will be heard on the other side of the line.*

To Mute a Phone Conversation (F34)

You can mute your conversation at any time during a call.

1. Press (F▸) (3DEF) (4GHI).
2. Then the "**Mute**" indicator is displayed. The transmit audio will be muted but the receive audio will still be heard from the receiver.



3. To return to normal conversation, press (F▸) (3DEF) (4GHI) again.
4. Mute is reset when the call is terminated.

Sending DTMF (F35)

This feature allows you to activate or deactivate Sending DTMF (Touch Tone™) when you enter a number during a call.

1. Press (F▸) (3DEF) (5JKL).
2. Scroll to "**ON**" or "**OFF**" to select.

3. Press (F▸) to set.

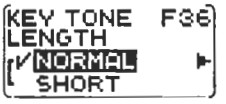
Setting Tones (F36)

This is a group of 9 functions related to the setting of tones.

Key Tone Length (F36-1)

This feature selects the duration of the tone length when a key is pressed.

1. Press (F▸) (3DEF) (6MNO) and (1).



2. You can change the current mode by (▲) or (▼).
3. Press (F▸) to set.

- ***NORMAL – Normal Mode***

Tone is heard as long as the key is being pressed.

- ***SHORT – Short Mode***

Tone is heard for a short time even if the key remains pressed.

Single Alert Beep Tone (F36-2)

This feature is used to signal an incoming call with only a single beep. This feature can only be used with the "silent" alert mode. See **Alert Tone Volume Control (F31)** on page 57.

1. Press (F▸) (3DEF) (6MNO) and (2ABC).

2. You can turn this feature on/off by or (
3. Press (F▸) to set.

Voice Mail Alert (F36-3)

This feature audibly alerts you when a Voice Mail Notification is received. A Voice Mail Notification is received if your Voice Mail contains messages that have not been reviewed.

1. Press (F▸) (3DEF) (6MNO) and (3DEF).

2. You can turn this feature on/off by (or
3. Press (F▸) to set.

Text Message Alert (F36-4)

This feature audibly alerts you when a Text Message is received.

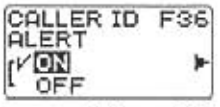
1. Press (F) (3 DEF) (6 MNO) and (4 GHI).

2. You can turn this feature on/off by ▲ or ▼.
3. Press (F) to set.

Caller ID Alert (F36-5)

This feature audibly alerts you when a Caller ID is received.

1. Press (F) (3 DEF) (6 MNO) and (5 JKL).



2. You can turn this feature on/off by ▲ or ▼.
3. Press (F) to set.

Service Mode Alert (F36-6)

With this feature on, an audible tone alerts you when the service mode changes from Digital to Analog, or vice versa.

1. Press (F) (3 DEF) (6 MNO) and (6 MNO).

2. You can turn this feature on/off by ▲ or ▼.
3. Press (F) to set.

Voice Privacy Alert (F36-7)

This feature audibly alerts you when the voice privacy service is provided, and also when the service is canceled.

1. Press (F) (3 DEF) (6 MNO) and (7 PQRS).

2. You can turn this feature on/off by ▲ or ▼.
3. Press (F) to set.

One Minute Beep Tone (F36-8)

With this feature on, you will be notified during a call. once every minute by a short beep tone. In addition, two beep tones will sound every five minutes.

1. Press (F) (3 DEF) (6 MNO) and (8 TUV).

2. You can turn this feature on/off by ▲ or ▼.
3. Press (F) to set.

Low Battery Alarm (F36-9)

When activated, this feature warns by an audible alarm when the battery level is low.

If the alarm is given, recharge the battery or replace it with a fully charged battery.

1. Press (F) (3 DEF) (6 MNO) and (9 WXYZ).

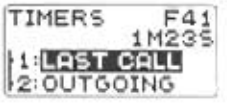
2. You can turn this feature on/off by ▲ or ▼.
3. Press (F) to set.

Call Timers

To help you manage your calls, your phone is equipped with several Call Timers.

Last Call Timer (F41-1)

1. Press (F) (4 GHI) (1). The talk time of the last call will be displayed.



2. Press (F) to exit.

Outgoing Call Timer (F41-2)

1. Press (F) (4 GHI) (1) and (2 ABC). The cumulative talk time of all outgoing calls will be displayed. Web access call will not be added in this timer.

2. Press (F) to exit.

All Calls Timer (F41-3)

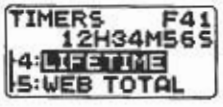
1. Press (F) (4) (1) and (3). The cumulative talk time of all incoming and outgoing calls will be displayed. Web access call will not be added in this timer.

2. Press (F) to exit.

*Note: The above three timers can be reset to zero by using **Call Timer Reset (F65-1)** on page 72.*

Lifetime Timer (F41-4)

1. Press (F) (4) (1) and (4). The cumulative "lifetime" talk time of all incoming and outgoing calls will be displayed.
   This timer cannot be reset to zero.



2. Press (F) to exit.

Web Total Timer (F41-5)

1. Press (F) (4) (1) and (5). The cumulative time of web access call will be displayed.

2. Press (F) to exit.

*Note: This timer can be reset to zero by using **Call Timer Reset (F65-1)** on page 72.*

Clock Indicator (F42)

Date and Time are automatically displayed, if this feature is enabled.

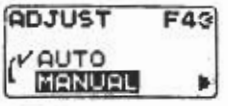
1. Press (F) (4) (2).
2. You can turn this feature on/off by (^) or (v).
3. Press (F) to set.

Clock Adjustment (F43)

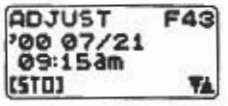
You can use your clock in **AUTO** or **MANUAL** mode.
In **AUTO** mode, your clock synchronizes to the base time of the CDMA system and displays the local time of the area where you are, while the D indicator is on.
In **MANUAL** mode, your clock always works alone, and can be adjusted manually.

Example: To set the time to 9:15 a.m. Jul. 21, 2000 in **MANUAL** mode.

1. Press (F) (4) (3).



2. Scroll to **"MANUAL"** and press (F).
3. Enter the year (0) (0), month (0) (7), day (2) (1), time (0) (9) (1) (5) and (1) for a.m. (or (2) for p.m.)



4. Press (STO) to set.

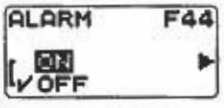
Notes: 1. In the step 3 above, you can correct a digit by (^) or (v), moving the cursor by (◁) or (F).
2. The clock works internally during power off, and will display the time in the same mode when you turn the power on.

Clock Alarm (F44)

This feature alert you repeatedly at the alarm time that you programmed.

Example: To set the alarm time to 7:30 a.m.

1. Press (F) (4) (4).



2. Scroll to **"ON"** and press (F).
3. Enter the alarm time (0) (7) (3) (0) and (1) for a.m. (or (2) for p.m.)

4. Press (STO) to set. The ⏰ indicator will be displayed.
5. At the alarm time, the alarm will ring for one minute with animation.

6. Press any key to stop ringing.
7. The clock alarm will repeat to ring every day until you cancel the feature.

Notes: 1. If it is a time to alarm during a call, the clock alarm will ring after the call.

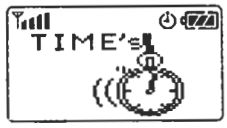
2. *The clock alarm does not ring during power off, but this feature will be activated again when you turn the power on.*
3. *The clock alarm may not ring in **AUTO** mode, if you skip the alarm time traveling into an area with the different local time.*
4. *See **Alert Tone Volume Control (F31)** on page 57 to change the alarm sound volume.*
5. *In place of the alarm sound, you can use **Vibrator Alert (F8)** on page 75.*

Countdown Timer (F45)

This feature alerts you when the countdown timer expires. The timer can be set to 1 through 99 minutes.

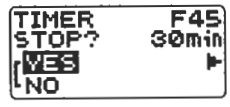
To Start the Countdown Timer

1. Press (F) (4GHI) (5JKL).
2. Enter the duration, 1 to 99 minutes.
3. Press (F) to start. The ⏱ indicator will be displayed.
4. When the timer expires, the alarm will ring for one minute with animation.
5. Press any key to stop ringing.



To Cancel the Countdown Timer

1. Press (F) (4GHI) (5JKL) again after the timer has started.
2. "**TIMER STOP?**" is displayed with the remaining minutes to expire.
3. Scroll to "**YES**" and press (F) to cancel. The ⏱ indicator will go out.



Notes: *1. If the timer expires during a call, the alarm will ring after the call.*
2. When you turn the power off, the countdown timer will be canceled.
*3. See **Alert Tone Volume Control (F31)** on page 57 to change the alarm sound volume.*
*4. In place of the alarm sound, you can use **Vibrator Alert (F8)** on page 75.*

System Features

A/B System Selection (F51)

This feature permits you to select which Cellular system (A or B) your phone uses. When you turn the phone on, it remembers the last A/B setting and will scan the radio channels based on that setting.

Leave this setting as it has been preprogrammed unless you have a reason to alter the system selection.

To alter the system selection:

1. Press (F) (5JKL) (1). The current mode will be displayed.
2. You can change the current mode by (▲) or (▼).
3. Press (F) to set.

- ***AUTO ROAM – Auto Roam Mode***

The phone will scan the priority systems first, and then non-priority systems. For more information as to how this mode works, see **Enhanced Roaming** below.

- ***HOME ONLY – Home Only Mode***

You can place or receive calls only within your home area or home affiliated area.

- ***A-ONLY – A-System Only Mode***

The phone will scan the A-system only and prevents switching over to the B-system.

- ***B-ONLY – B-System Only Mode***

The phone will scan the B-system only.

Note: *If your LCD displays "**AUTO ROAM ONLY**", your phone has been pre-programmed to operate in the **Auto Roam Mode** only.*

Enhanced Roaming

Cellular systems are identified by a number called System Identifier or SID. Your phone is equipped with a **Preferred Roaming List (PRL)** which can be programmed by your Carrier to take advantage of the families of cellular system (SIDs) that your Carrier owns, or has special billing arrangements with, in different cities.

In your Home System Area, both "📡" and "Rm" are off in your display. Outside of the Home System in Service Areas closely associated with your Carrier, the phone's display may appear the same as when operating in the Home System.

In areas where your Carrier has Roaming agreements, your phone will display a steady "Rm" indication. If your display indicates a flashing "Rm", you are in a cellular system which is not associated with your Carrier (you can still make or receive calls).

If your display indicates a flashing "", you may have to change your A/B System Selection or NAM Selection in order to obtain service. If your display indicates "", you are in an area where there is no cellular service.

NAM Selection (F52)

Some Cellular users may find it beneficial to register their phones with multiple numbers, for different cities where they may frequently travel. To provide this ability, your phone has two NAMs (Number Assignment Modules) enabling up to two registrations.

If you have multiple registrations, the NAM Selection feature enables you to change the NAM being used by your phone. Do not use this feature, if you do not have multiple registrations.

To change NAMs:

1. Press (F▸) (5JKL) (2ABC).

2. You can change the current NAM by (▲) or (▼).
3. Press (F▸) to set.

Force Analog Call (F53)

This feature temporarily directs the phone to use the Analog Mode even if the Digital Mode has been previously selected.

1. Press (F▸) (5JKL) (3DEF).

2. Press (F▸) when scanning the Analog Mode.

Notes: *This feature automatically ends if:*

1) The phone is turned off.

2) An outgoing call is made.

3) An incoming call is received.

4) After 10 minutes if items 1) ~ 3) did not occur.

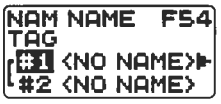
System Settings (F54)

This is a group of several functions for settings related to the system.

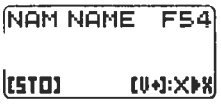
NAM Name Display (F54-1)

You can program a greeting or a name of a maximum 10 to 12 characters in the second line of your LCD display. This will be displayed when the phone is turned on or when you change the NAM. (See **NAM Selection (F52)** on page 66.) As you can program different name for each NAM, you can tell which NAM is currently active when you turn the phone on.

1. Press (F▸) (5JKL) (4GHI) and (1).



2. You can select other NAM by (▲) or (▼).



Then press (F▸) to edit.

3. Enter your message.
(See **Alpha Mode** on page 27.)
4. Press (STO) to store the message.

Automatic NAM (F54-2)

If you have multiple NAM registrations (see previous description), your phone will recognize NAMs for which you are registered. The phone will then automatically switch to the proper NAM for the area in which you are in.

1. Press (F▸) (5JKL) (4GHI) and (2ABC).

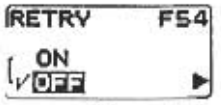
2. You can turn this feature on/off by (▲) or (▼).
3. Press (F▸) to set.

Automatic Retry (F54-3)

With this feature on, your telephone will automatically make up to seven call attempts when the first try is not successful.

The indicator will stay on, and the speaker will be muted. Press (⏻) to cancel the Automatic Retry.

Press (F) (5 JKL) (4 GHI) and (3 DEF).



2. You can turn this feature on/off by (▲) or (▼).
3. Press (F) to set.

Enhanced Voice Privacy Service (F54-4) (Digital Mode Only)

This feature requests the cellular system to provide the enhanced voice privacy service. This service can only be provided in the Digital Mode, and its availability depends on the cellular system and your service provider.

To Set the Enhanced Voice Privacy Mode:

1. Press (F) (5 JKL) (4 GHI) and (4 GHI).

2. To request the cellular system to provide the enhanced voice privacy service, select **"ENHANCED"** with (▲) or (▼), and press (F).
3. When the phone is operating in the Enhanced Voice Privacy Mode, **"VP"** appears in the upper line of the display during talking.
4. To request the cellular system not to use the enhanced voice privacy service, select **"STANDARD"** with (▲) or (▼), and press (F).

Notes: *1. This feature must be activated before the call is initiated.*

2. Even if the standard mode is selected, the cellular system may direct the phone to use the Enhanced Voice Privacy Mode.

Anti Fraud Security Features

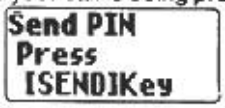
Your new Audiovox Cellular telephone has been engineered with the latest technology to help protect from the fraudulent use of your cellular telephone number. Your phone is equipped with Authentication and PIN (Personal Identification Number) Dialing. (Availability of these features depends on your Service Provider). Should your Service Provider require use of a PIN, your PIN can be sent manually or programmed into the phone for more convenient use.

To Place a Call with the Manual PIN Entry

1. Enter the number you are calling, or recall the number from a specific memory location.
2. Press (📞). Your call will be processed. Listen for a double beep, which will prompt you to send your PIN.
3. Enter your PIN number, and press (📞). Your call will then be placed.

To Place a Call with the Automatic PIN Feature

1. Enter the number you are calling, or recall the number from a specific memory location.
2. Press **"SEND"** key (📞). As your call is being processed, you will have the display:



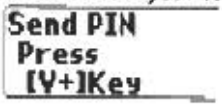
3. Press **"SEND"** key (📞) again. Your call will then be placed.

Note: *Before you can use this feature, you must program your PIN and turn the Automatic PIN feature on. (See procedures below.)*

To Place a Call to Voice Mail using the Automatic PIN Feature

(See **Voice Mail Dialing** on page 48.)

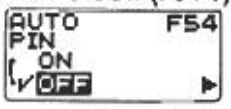
1. Press (V+) for more than one second. As your call is being processed, you will have the display:



2. Press (V+) again, your PIN will be sent.
3. Press (V+) again. The second number stored in (V+) will be sent in Touch Tone™ signals. The subsequent numbers, if any, can be sent sequentially by pressing (V+).

To Turn the Automatic PIN Feature On/Off (F54-5)

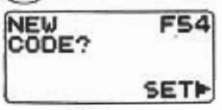
1. Press (F) (5 JKL) (4 GHI) and (5 JKL).



2. You can turn this feature on/off by (▲) or (▼).
3. Press (F) to set.

To Program or Change your Automatic PIN (F54-6)

1. Press (Fn) (5JKL) (4GHI) and (6MNO).
2. Enter the four-digit security code and press (Fn).



3. Enter your new PIN Code. Press (Fn) to program

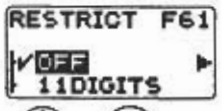
Security Features

Call Restriction (F61)

This feature permits you to impose various kinds of restrictions on outgoing calls. Emergency numbers can be placed even when this feature is on.

To Set Call Restriction Mode

1. Press (Fn) (6MNO) (1).
2. Enter the four-digit security code and press (Fn).
3. You can select the mode by (▲) or (▼).
4. Press (Fn) to set.



The available Restriction modes are as follows:

- ***11DIGITS – 11 Digits Mode***

Only phone numbers of 11 digits or less are accepted. Operator assisted dialing is prohibited.

- ***7DIGITS – 7 Digits Mode***

Only phone numbers of 7 digits or less are accepted. Operator assisted dialing is prohibited.

- ***OPERATOR – Operator Mode***

Operator assisted dialing (0 Origination Call) is prohibited.

- ***RCL01-09 – Phonebook Address Mode***

Only outgoing calls to the numbers stored in the phonebook address range 01 – 09 can be made. If there is a need to expand this range of addresses please ask your dealer.

- ***OFF – Off Mode***

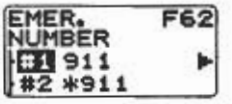
No restriction.

To Change Emergency Numbers (F62)

You can program your own emergency numbers. Up to 3 numbers of maximum 32 digits can be stored.

Memory Location	Preset Emergency Number
# 1	911
# 2	*911
# 3	Blank

1. Press (Fn) (6MNO) (2ABC).
2. Enter the four-digit security code and press (Fn).



3. Press (▲) or (▼) to select the emergency number memory location (1, 2 or 3) that you want to change or program, and press (Fn).
4. Enter the new emergency number, and press (Fn).

Note: *The emergency number in memory location 1 will be dialed when the **OneTouch Emergency Call** feature is used.*

To Turn On/Off OneTouch Emergency Call Feature (F63)

1. Press (Fn) (6MNO) (3DEF).
2. Enter the four-digit security code and press (Fn).

3. You can turn this feature on/off by (▲) or (▼).
4. Press (Fn) to set.

To Change the Security Code (F64)

1. Press (Fn) (6MNO) (4GHI).
2. Enter the four-digit security code and press (Fn).

3. The current security code is displayed.
4. Enter a new four-digit security code and press (Fn).

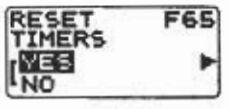
Reset Functions (F65)

This is a group of several functions for Function/Memory Reset.

Call Timer Reset (F65-1)

This feature resets all the following four Call Timers; Last Call Timer, Outgoing Call Timer, All Calls Timer and Web Total Timer.

1. Press (Fn) (6MNO) (5JKL).
2. Enter the four-digit security code and press (Fn).

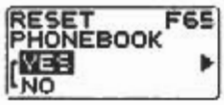


3. Press (1).
4. Press (Fn) to reset the call timers.

Phonebook All Clear (F65-2)

This feature clears all of Phonebook locations (01 to 99) and the voice mail dialing memory (V+).

1. Press (F) (6MNO) (5JKL).
2. Enter the four-digit security code and press (F).
3. Press (2ABC).
4. Press (F) to clear the memory.



Call History All Clear (F65-3)

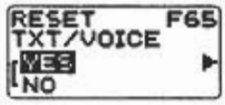
This feature clears all call history for outgoing and incoming calls including Caller ID.

1. Press (F) (6MNO) (5JKL).
2. Enter the four-digit security code and press (F).
3. Press (3DEF).
4. Press (F) to clear the history.

Text Message & Voice Mail All Clear (F65-4)

This feature clears all Text Messages and the Voice Mail number.

1. Press (F) (6MNO) (5JKL).
2. Enter the four-digit security code and press (F).
3. Press (4GHI)
4. Press (F) to clear the message.



Function Reset (F65-5)

This feature permits you to reset the User-Programmable functions to their initial settings.

1. Press (F) (6MNO) (5JKL).
2. Enter the four-digit security code and press (F).
3. Press (5JKL).
4. Press (F) to reset.

Note: *See **Function Reset Status** on page 76.*

Data Communications

Data/Fax Mode (F71)

Your CDM-9000 will work as wireless modem, if connected to a PC with the optional data cable (DIC-4000). When operating in the Digital mode, the phone can be used for Async Data or Fax at the speed of up to 14.4kbps. Your CDM-9000 also supports QNC (Quick Network Connection) for faster internet access.

The data/fax features are available while the ▣ indicator is on.

To Receive Data/Fax Call

1. Press (F) (7PQRS) (1).
2. Scroll the menu, and press (F) to select one of the modes described below.
3. During data/fax calls, you can use only (⏻) key.
4. To exit from the data/fax mode, press (F) (7PQRS) (1), and scroll to **"OFF"**, then press (F).

DATA: Data mode until the power is turned off.
FAX: Fax mode until the power is turned off.
DATA ONCE: Data mode for one call only.
FAX ONCE: Fax mode for one call only.

Notes:
1. *"DATA ONCE" or "FAX ONCE" mode will be automatically reset to "OFF" mode after receiving data/fax once, or in 10 minutes.*
2. *You can not receive voice calls in data/fax modes.*
3. *For additional details on connecting your phone to your PC, please refer to instructions in the DIC-4000 Data Cable Kit.*
4. *To place data/fax call or access internet through a PC, it is not necessary to set the phone in data/fax mode.*

Web Browser Setup (F72)

The following features are to set up the Web Browser in your phone.

Web Lock (F72-1)

You can lock the unauthorized access to the internet. If the browser is locked by this feature, you will need to enter your 4 digit Security Code to access the web. Press (F) (7PQRS) (2ABC) and (1) to set.

Web Backlight (F72-2)

You can turn on/off the backlight setting during the web access. Press (F) (7PQRS) (2ABC) and (2ABC) to set.

Web Idle Timer (F72-3)

If there is no network activity within a specific time, the web access call is automatically terminated. Press (F) (7PQRS) (2ABC) and (3DEF) to change the timer setting.
To deactivate this feature, set the timer to zero.

Web Link IP Addresses (F72-4) (F72-5)

Your phone can have up to 4 sets of the server IP (Internet Protocol) addresses and Port numbers to access your service provider's website. These may already be preset or be advised by your service provider.

To install two IP addresses into "Web Link A";

1. Press (F) (7PQRS) (2ABC) and (4GHI).
2. Enter your 4-digit Security Code and press (F).
3. **"LINK A PRI."** is displayed.
4. Enter the primary IP address and press (F).
5. Enter the primary port number and press (F).
6. Now **"LINK A SEC."** is displayed.
7. Enter the secondary IP address and press (F).
8. Enter the secondary port number and press (F).

To install more IP addresses into "Web Link B";

Press (F) (7PQRS) (2ABC) (5JKL), and follow the above steps from 2 to 8 for **"LINK B PRI."** and **"LINK B SEC."**

Notes: *1. An IP address must be 12-digit long to enter. If you have, for example, 123.45.67.8, then enter (1) (2ABC) (3DEF), (0OPER) (4GHI) (5JKL), (0OPER) (6MNO) (7PQRS), (0OPER) (0OPER) (8TUV).*

2. Your phone may display the stored IP addresses or Port numbers in the above steps. Then press (F) to keep them unchanged.

Web User Name (F72-6)

Press (F) (7PQRS) (2ABC) and (6MNO). You may program the User Name.

Web Password (F72-7)

Press (F) (7PQRS) (2ABC) and (7PQRS). You may program a password.

Web Link Change (F72-8)

You may select **"Web Link A"** or **"Web Link B"**.

1. Press (F) (7PQRS) (2ABC) and (8TUV).
2. Scroll to **"WEB LINK A"** or **"WEB LINK B"**.
3. Press (F) to set.

Web Browser (F73)

Press (F) (7PQRS) (3DEF) to start the Web Browser.

Vibrator Alert

1. To turn the vibrator alert on, press (F) (8TUV), then scroll to **"ON"**. Press (F) to select.

2. To turn the vibrator alert off, press (F) (8TUV), then scroll to **"OFF"**. Press (F) to select.

Notes: *1. When the Vibrator Alert feature is on, the audible ringer/melody will be muted. Also the alarm sound will be muted for **Clock Alarm** and **Countdown Timer**.*

2. Be sure to turn the Vibrator Alert feature off when you use the phone in Car Kit option.

Other Functions

Quick Dialing (F01)

When this feature is on, the primary number in your phonebook address 02 to 09 can be dialed with just a single press of the key.

1. Press (F) (0OPER) (1).
2. Scroll to **"ON"** or **"OFF"** you want and press (F).

Automatic Answering (F02)

With this feature on, incoming calls will be automatically answered after a preset duration of alert tones. This feature may be convenient when your telephone is installed in the handsfree car kit.

1. Press (F) (0OPER) (2ABC).
2. Scroll to "ON" and press (F).

3. Enter duration (5 to 30) in seconds.
4. Press (F) to set.

Note: *This feature will not function if the phone is in **"Phone Lock"**, or **"Keypad Lock"** mode.*

Function Reset Status

The following functions will return to the initial settings after **Function Reset**.

Functions		Initial Setting
Automatic Lock (F13)		OFF
Backlight Control (Standby) (F22-1)	Portable Use	10 Seconds
	With Car Kit	Always ON
Backlight Control (In-Use) (F22-2)		Normal
Auto Hyphenation (F23)		ON
Text Lines Selection (F24)		3 Lines
Contrast Control (F25)		Standard
Earpiece Volume Control		Level 3 (Max = 4)
Alert Tone Volume Control (F31)		Level 4 (Max = 4)
Ring Type Selection (F32)		Ring #1
Key Tone Volume Control (F33)		Level 3 (Max = 4)
Sending DTMF (F35)		ON
Key Tone Length (F36-1)		Normal
Single Alert Beep Tone (F36-2)		OFF
Voice Mail Alert (F36-3)		ON
Text Message Alert (F36-4)		ON
Caller ID Alert (F36-5)		ON
Service Mode Alert (F36-6)		OFF
Voice Privacy Alert (F36-7)		OFF
One Minute Beep Tone (F36-8)		OFF
Low Battery Alarm (F36-9)		ON
Clock Indicator (F42)		ON
Clock Adjustment (F43)		Auto
Clock Alarm (F44)		OFF
Countdown Timer (F45)		0 minute
A/B System Selection (F51)		Auto Roam
NAM Selection (F52)		NAM #1
Automatic NAM (F54-2)		OFF
Automatic Retry (F54-3)		OFF
Voice Privacy Service (F54-4)		Standard
Automatic PIN Mode (F54-5)		OFF
Call Restriction (F61)		OFF
OneTouch Emergency Call (F63)		ON
Data/Fax Mode (F71)		OFF
Web Lock (F72-1)		OFF
Web Backlight (F72-2)		Always ON
Web Idle Timer (F72-3)		2 minutes

Functions	Initial Setting
Vibrator (F8)	OFF
Quick Dialing (F01)	ON
Automatic Answering (F02)	OFF
*Call in Absence Indicator (F03)	OFF
*Safety Timer (F04)	8 hours

* Affects Handsfree operation only.
  Refer to Handsfree Car Kit (HF-4000T) manual.

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Key Tone 58

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WARNING

When using your cellular telephone, please note that the following offenses are punishable by fine, imprisonment, or both:

- Using obscene, indecent, or profane language.
- Using the phone to give off false distress calls.
- Wiretapping or otherwise intercepting a telephone call, unless that person has first obtained the consent of the parties participating in the call.
- Making anonymous calls to annoy, harass, or molest other people.
- Charging to an account without authorization to avoid payment for service.
- Refusing to yield line when informed that it is needed for an emergency call (It is also unlawful to take over a line by stating falsely that it is needed for an emergency).

The CDM-9000 is using one or more of the following US patents licensed by QUALCOMM Incorporated:

4,901,307	5,309,474
5,056,109	5,103,459
5,101,501	5,099,204
5,109,390	5,107,225
5,228,054	5,283,536
5,257,283	5,280,472
5,265,119	5,337,338
5,267,261	5,339,046
5,267,262	5,341,456
5,289,527	

12 MONTH LIMITED WARRANTY

AUDIOVOX COMMUNICATIONS CORP. (the Company), warrants to the original retail purchaser of this Audiovox Handheld Portable Cellular Telephone, that should this product or any part thereof (except the items listed below), under normal use and conditions, be proven defective in material or workmanship within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The keypad and display are similarly warranted for ninety (90) days from date of purchase.

The accessories consisting of the antenna and rechargeable battery pack, desktop charger are similarly warranted for twelve (12) months from original purchase.

This Warranty does not apply to batteries, fuses, or costs incurred for testing or checking, or to any product or part hereof which has suffered through alteration, serial number defacement, improper installation, excessive temperature or humidity, environmental conditions, mishandling, misuse, neglect or accident. This Warranty is not assignable or transferable.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of warranty coverage, specification of defect(s), transportation prepaid, to the Company at the address shown below. For TRAVELERS WARRANTY SERVICE.

Call toll free to (800) 229-1235 (in N.Y. State, (631) 233-3410) for reference to an Authorized Warranty Station in your area.

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405 Britannia Road East,
Mississauga, Ontario L4Z3E6
(905) 712-9299

Quick Reference

Basic Operation

Turn On/Off	Press and hold .
Place a Call	Phone Number,
Terminate a Call	
Receive a Call	Any Key (except and)
Clear Last Digit	CLR (less than 0.5 sec.)
Clear All Digits	CLR (more than 0.5 sec.)
Earpiece Volume	or during a call

Convenience Features

Store Number in Phonebook	CLR, Phone Number, STO STO, Phonebook Address
Phonebook Dialing	, Phonebook Address,
Speed Dialing	Phonebook Address,
Last Number Redial	
Dial last Number Received	

Messaging Features

Review Voice Mail Number	
Review Text Messages	, then or for scroll

Quick Reference

Basic Operation

Turn On/Off	Press and hold .
Place a Call	Phone Number,
Terminate a Call	
Receive a Call	Any Key (except and)
Clear Last Digit	(less than 0.5 sec.)
Clear All Digits	(more than 0.5 sec.)
Earpiece Volume	or during a call

Convenience Features

Store Number in Phonebook	, Phone Number, , Phonebook Address
Phonebook Dialing	, Phonebook Address,
Speed Dialing	Phonebook Address,
Last Number Redial	
Dial last Number Received	

Messaging Features

Review Voice Mail Number	
Review Text Messages	, then or for scroll

Functions

Mute/Unmute	FCN FCN
Keypad Lock	FCN 1 1
Lock the Phone	FCN 1 2
Automatic Lock	FCN 1 3
Display Own Phone Number & SID	FCN 2 1
Backlight Control	FCN 2 2
Last Call Time Display	FCN 4 1
Outgoing Call Time Display	FCN 4 1 2
All Calls Time Display	FCN 4 1 3
Automatic Answering	FCN 0 2
A/B System Selection	FCN 5 1
Force Analog Call	FCN 5 3
Data/Fax Mode	FCN 7 1
Vibrator Alert	FCN 8

CDM-9000

TRI-MODE, WEB BROWSING DIGITAL CDMA TELEPHONE

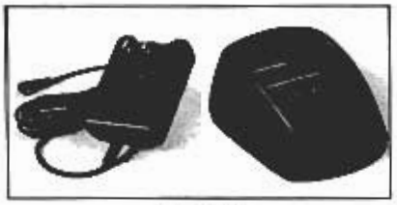
ACCESSORIES

BTR-4000
Standard Lithium Ion Battery

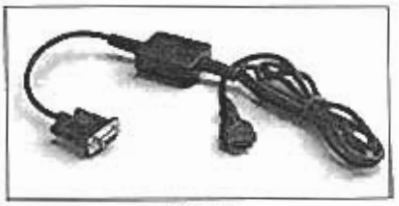
BTE-4000
Extended Lithium Ion Battery

CNR-4000
AC Adapter

DTH-4000
Desktop Holder



DTC-4000
Desktop Charger with AC Adapter



DIC-4000
Data Interface Cable

EM-425
Earphone Microphone

Functions

Mute/Unmute	
Keypad Lock	
Lock the Phone	1 2
Automatic Lock	1 3
Display Own Phone Number & SID	2 1
Backlight Control	2 2
Last Call Time Display	4 1
Outgoing Call Time Display	4 1 2
All Calls Time Display	4 1
Automatic Answering	0 2
A/B System Selection	5 1
Data/Fax Mode	7 1
Vibrator Alert	8

PROTECT YOUR WARRANTY

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

> "Warranty does not apply to...or to any product or part thereof which has suffered through alteration... mishandling, misuse, neglect, or accident".

Many companies are making look-alike accessories and in some cases, promoting that their product is equal to or better than the Audiovox product. Be careful. Some of these products may not be compatible for use with your Audiovox product and may damage the unit or cause it to malfunction. If service is required on your unit, and it is determined that a non-Audiovox accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Audiovox product.

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